

Test by: Peterson Seed Testing LLC New Richland, MN

2026 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] TEA, SD

Kenny Aylward, not set County, SD

Early-Season Test	Maturity Group 1.5 - 2.1 S2026SDSE02a
Top 28 of 28	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / Resicore, Atrazine, Laudis
SOIL DESCRIPTION:	Egan silty clay loam, well drained, non-irrigated
SOIL CONDITION:	5.55 pH, 5.92% OM, 19.86 CEC, high P, high K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
CROP PROTECTION:	Sonic (H), Flexstar (H), Volunteer (H), Ultra Blazer (H)
Applied N-P-K (units):	0-0-0
SEED - RATE - ROW:	May 14 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 13 106.5 /A
PEST & DISEASE RISK:	Fusarium, Charcoal Rot, Septoria Brown Spot*

TEST COMMENTS:

This site was planted on May 14th into ideal soil conditions. Extreme grass pressure took over; corn killer (Volunteer herbicide) somewhat suppressed it, but the damage was already done. A drier-than-average growing season did not help either. An accidental Roundup application unfortunately took out the conventional varieties. This plot was lost due to the extreme weed pressure and the herbicide misapplication.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lost to weed pressure & herbicide misapplication										
Payden Peterson					Averages =	44.0	9.4	1	106.5	528
					LSD (0.10) =	6.3	ns	ns		
Payden Peterson					LSD (0.25) =	3.2	ns	ns		
payden.peterson@firstseedtests.com, (507) 461-2492					C.V. =	10.5			Historic yield: 52.56 bu/a, 1 yr(s)	
Yield & Income Factors:					Base Moisture = 13.0%	Shrink = 1.0	Drying = \$0.02	Prices: GMO = \$12.00		

Report Date: 10/18/2026

Additional reports available at www.firstseedtests.com

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. [Earthoptics](#) used for soil conditions and soil-borne disease & pest risks. [🔗](#) Links to full product yield results at www.firstseedtests.com.

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2026 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] TEA, SD

Kenny Aylward, not set County, SD

Full-Season Test	Maturity Group 2.2 - 2.8 S2026SDSE02b
Top 21 of 21	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Resicore, Atrazine, Laudis
SOIL DESCRIPTION:	Egan silty clay loam, well drained, non-irrigated
SOIL CONDITION:	5.55 pH, 5.92% OM, 19.86 CEC, high P, high K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
CROP PROTECTION:	Sonic (H), Flexstar (H), Volunteer (H), Ultra Blazer (H)
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 14 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 13 106.4 /A
PEST & DISEASE RISK:	Fusarium, Charcoal Rot, Septoria Brown Spot*

TEST COMMENTS:

This site was planted on May 14th into ideal soil conditions. Extreme grass pressure took over; corn killer (Volunteer herbicide) somewhat suppressed it, but the damage was already done. A drier-than-average growing season did not help either. An accidental Roundup application unfortunately took out the conventional varieties. This plot was lost due to the extreme weed pressure and the herbicide misapplication.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Income Rank
Lost to weed pressure & herbicide misapplication										
Payden Peterson Payden Peterson payden.peterson@firstseedtests.com, (507) 461-2492				Averages =	39.5	9.6	1	106.4	476	
				LSD (0.10) =	ns	0.1	ns			
				LSD (0.25) =	ns	0.1	ns			
				C.V. =	12.6	Historic yield: 52.56 bu/a, 1 yr(s)				
				Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$12.00						

Report Date: 10/18/2026

Additional reports available at www.firstseedtests.com

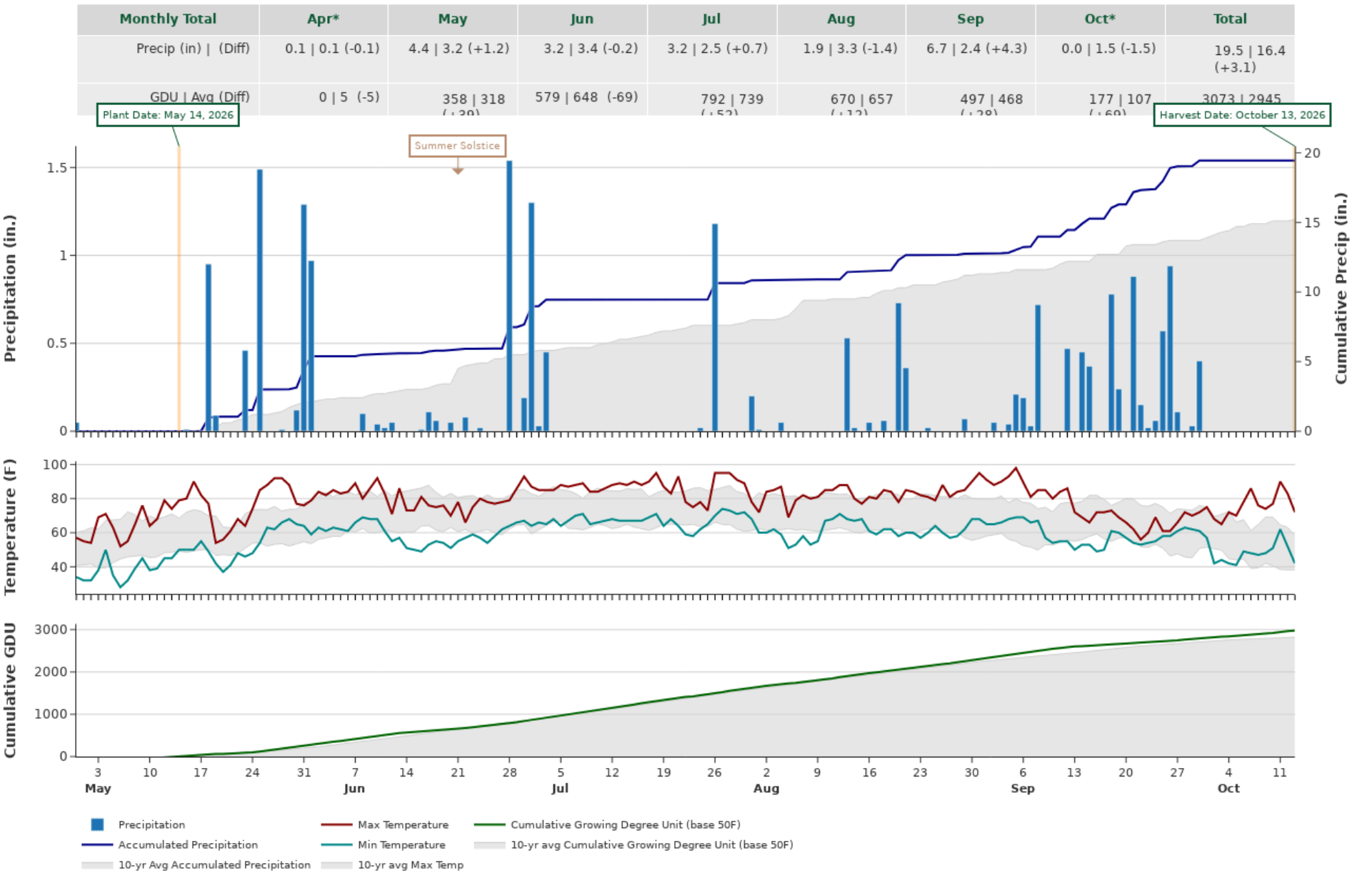
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. [Earthoptics](#) used for soil conditions and soil-borne disease & pest risks. [🔗](#) Links to full product yield results at www.firstseedtests.com.

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2026 Soybeans - South Dakota Southeast [SDSE]

Weather Conditions Summary at TEA, SD

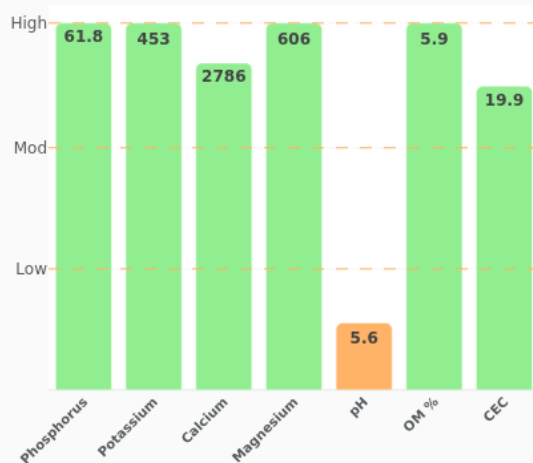
Weather Data Retrieved: 10/18/2026



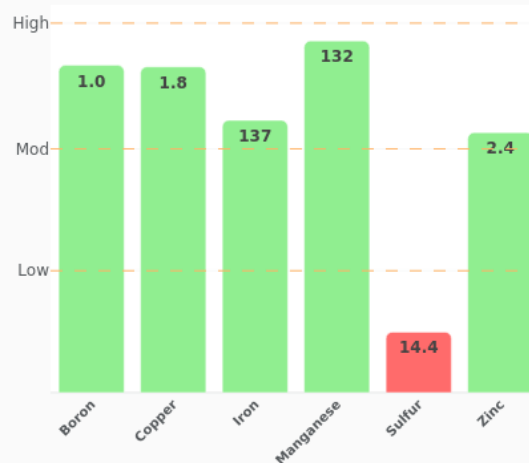
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

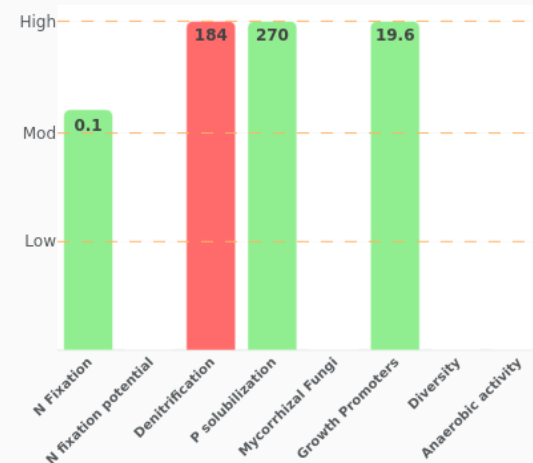
Macronutrients



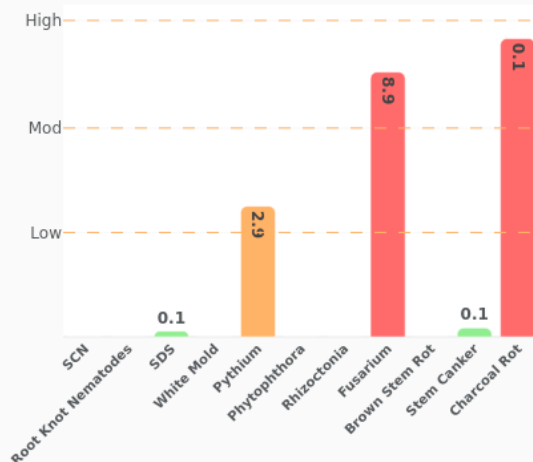
Micronutrients



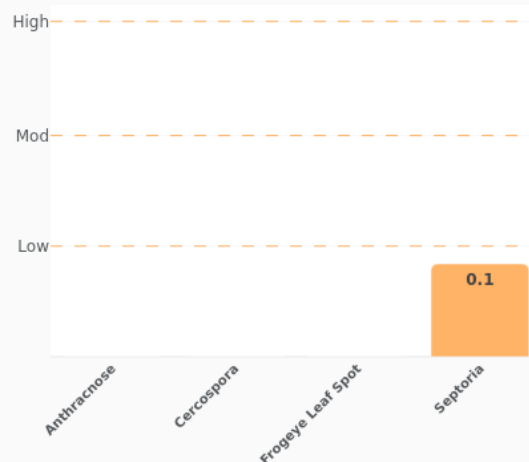
Biofertility Analytics



Below Ground Pest & Disease - Soybeans



Above Ground Pest & Disease - Soybeans



More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

2026 Soybeans - South Dakota Southeast [SDSE]

Early-Season Test Products (28 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Ag Performance	1621	CONV	NA	1.6	Untreated
Ag Performance	1725	CONV	NA	1.7	Untreated
Apex	AE1870	E3	M	1.8	STXPC 2.0, VI
Apex	AE1970	E3	M	1.9	STXPC 2.0, VI
Apex	AE2170	E3	M	2.1	STXPC 2.0, VI
Fortus	1895E	E3	PK	1.8	ACi,SU2,VI
Fortus	2096E	E3	PK	2.0	ACi,SU2,VI
Genesis	G1810E	E3	M	1.8	STXPC 2.0, VI
Genesis	G1910E	E3	M	1.9	STXPC 2.0, VI
Genesis	G2110E	E3	M	2.1	STXPC 2.0, VI
Hoegemeyer	1937E	E3	PK	1.9	Lum,Lu,lud,il
Integra	XF2057	RXF	M	2.0	ACi,SU2,VI
Legend	1770	CONV	NA	1.7	Untreated
Legend	17C665P	CONV	PK	1.7	Untreated
Miller Hybrids	1938	CONV	R	1.9	Shield coat
Mustang	15C224	CONV	M	1.5	Treated
Mustang	19C421	CONV	M	1.9	Treated
Pioneer	P18A82	CONV	R	1.8	Untreated
Pioneer	P21Z71E	E3	PK	2.1	Treated
Stine	16S29	CONV	PK	1.6	Untreated
Stine	19P02	CONV	MR	1.9	Untreated
Stine	20P02	CONV	PK	2.0	Untreated
Viking Blue River	17B6	CONV	R	1.7	Untreated
Viking Blue River	2155N	CONV	MR	2.1	Untreated
Xitavo	XO 1776E	E3	M	1.7	PV,IL,OB,Rey
Xitavo	XO 1986E	E3	M	1.9	PV,IL,OB,Rey
Xitavo	XO 2087E	E3	M	2.0	PV,IL,OB,Rey
Xitavo	XO 2127E	E3	M	2.1	PV,IL,OB,Rey

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2026 Soybeans - South Dakota Southeast [SDSE]

Full-Season Test Products (21 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2270	E3	PK	2.2	STXPC 2.0, VI
Apex	AE2770	E3	M	2.7	C3FI,VI,TU,A3
Fortus	2417ES	E3,ST	M	2.4	ACi,SU2,VI
Fortus	2775ES	E3,ST	PK	2.7	ACi,SU2,VI
Genesis	G2210E	E3	PK	2.2	Treated
Genesis	G2300E	E3	M	2.3	Treated
Genesis	G2410E	E3	PK	2.4	Treated
Hoegemeyer	2547E	E3	PK	2.5	Lum,Lu,lud,il
Integra	XF2367	RXF	M	2.3	ACi,SU2,VI
Integra	XF2596	RXF	M	2.5	ACi,SU2,VI
Legend	2.4 Experimental	CONV	NA	2.4	Untreated
Miller Hybrids	2238	CONV	R	2.2	Shield coat
Miller Hybrids	2508	CONV	R	2.5	Shield coat
Pioneer	P21Z71E	E3	PK	2.1	Treated
Renk	RS266E	E3	M	2.6	Treated
Stine	22R32	CONV	PK	2.2	Untreated
Stine	25R23	CONV	MR	2.5	Untreated
Viking Blue River	2022N	CONV	MR	2.0	Untreated
Viking Blue River	23B5	CONV	R	2.3	Untreated
Viking Blue River	2418N	CONV	MR	2.4	Untreated
Xitavo	XO 2366E	E3	M	2.3	PV,IL,OB,Rey

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Soybean Cyst Nematode (SCN) Resistance Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

CONV	Conventional
E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

ACi,SU2,VI	Acceleron® Standard Insecticide-Fungicide, STEPUP 2.0, Victrato®
C3FI,VI,TU,A3	Corteva 3023 Fungicide + Insecticide (C-3023FI), Victrato®, Tri-Up™, Ascend®
	ST3™, Inoculant
Lum,Lu,lud,il	LumiGen,LumiTreo,Lumiderm,ILVEO HL
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Shield coat	Shield coat fungicide
STXPC 2.0, VI Stine XP Complete 2.0, Victrato	
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.